

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1    | 7860 | 502/302-304,325,439.ccls. or 423/594.12,263,213.2,213.5.ccls.   | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 16:36 |
| L2    | 2551 | 1 and (((cerium oxide or cerium or ceo2 or ceria or "ceo.sub.2") and (zirconium or zirconia or "zro.sub.2" or zro2)) or (ceria-zirconia or "ceria/zirconia" or ceria zirconia or "ceo.sub.2-zro.sub.2" or "ceo.sub.2/zro.sub.2") or ("zirconia-ceria" or "zirconia/ceria" or zirconia ceria or "zro.sub.2-ceo.sub.2" or "zro.sub.2/ceo.sub.2")) | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 16:38 |
| L3    | 64   | 2 and (surface area or bet) and (reducibility)  | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 16:38 |
| L4    | 30   | 3 and @ad<"20040902"  | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 16:38 |
| L5    | 11   | 3 and (second) with (calcination)   | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 16:59 |
| L6    | 4    | 5 and @ad<"20040902"  | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 16:59 |
| L9    | 4    | 3 and (surface area or bet).clm. and (reducibility).clm.  | US-PGPUB; USPAT | ADJ              | OFF     | 2010/12/13 17:02 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| L7    | 5771 | 502/302-304,325,439.ccls. or 423/594.12,263,213.2,213.5.ccls.   | USPAT; UPAD | ADJ              | OFF     | 2010/12/13 17:02 |
| L8    | 1525 | 7 and (((cerium oxide or cerium or ceo2 or ceria or "ceo.sub.2") and (zirconium or zirconia or "zro.sub.2" or zro2)) or (ceria-zirconia or "ceria/zirconia" or ceria zirconia or "ceo.sub.2-zro.sub.2" or "ceo.sub.2/zro.sub.2") or ("zirconia-ceria" or "zirconia/ceria" or zirconia ceria or "zro.sub.2-ceo.sub.2" or "zro.sub.2/ceo.sub.2")) | USPAT; UPAD | ADJ              | OFF     | 2010/12/13 17:02 |
| L10   | 1    | 8 and (surface area or bet).clm. and (reducibility).clm.  | USPAT; UPAD | ADJ              | OFF     | 2010/12/13 17:04 |

**12/13/2010 5:05:24 PM**

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